INTERNATIONAL SEARCH REPORT

nte tal Application No PC 1/uB2004/004735

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04R17/00 H04R5/02 H01L41/09 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) HO4R HO1L IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, INSPEC, IBM-TDB, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category 9 1 - 30WO 03/001841 A (LONGBOTTOM SIMON ANDREW; X SHEPHERD MARK RICHARD (GB); 1 LTD (GB); MCKE) 3 January 2003 (2003-01-03) cited in the application page 5, line 8 - page 10, line 9 page 12, line 12 - page 16, line 30 claims 1-6; figures 2,5B,9A,9B 1 - 30US 2001/026626 A1 (ATHANAS LEWIS) X 4 October 2001 (2001-10-04) page 1, left-hand column, last paragraph page 1, right-hand column, last paragraph page 2, right-hand column, paragraph 3 page 4, left-hand column, last paragraph claims 1-9; figures 2-5,7,8 Patent family members are listed in annex. Further documents are listed in the continuation of box C. X Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is clied to establish the publication date of another diation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the end of the such combination being obvious to a person skilled O document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed "A" document member of the same patent family Date of malling of the international search report Date of the actual completion of the international search 18/02/2005 10 February 2005 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Meiser, J

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